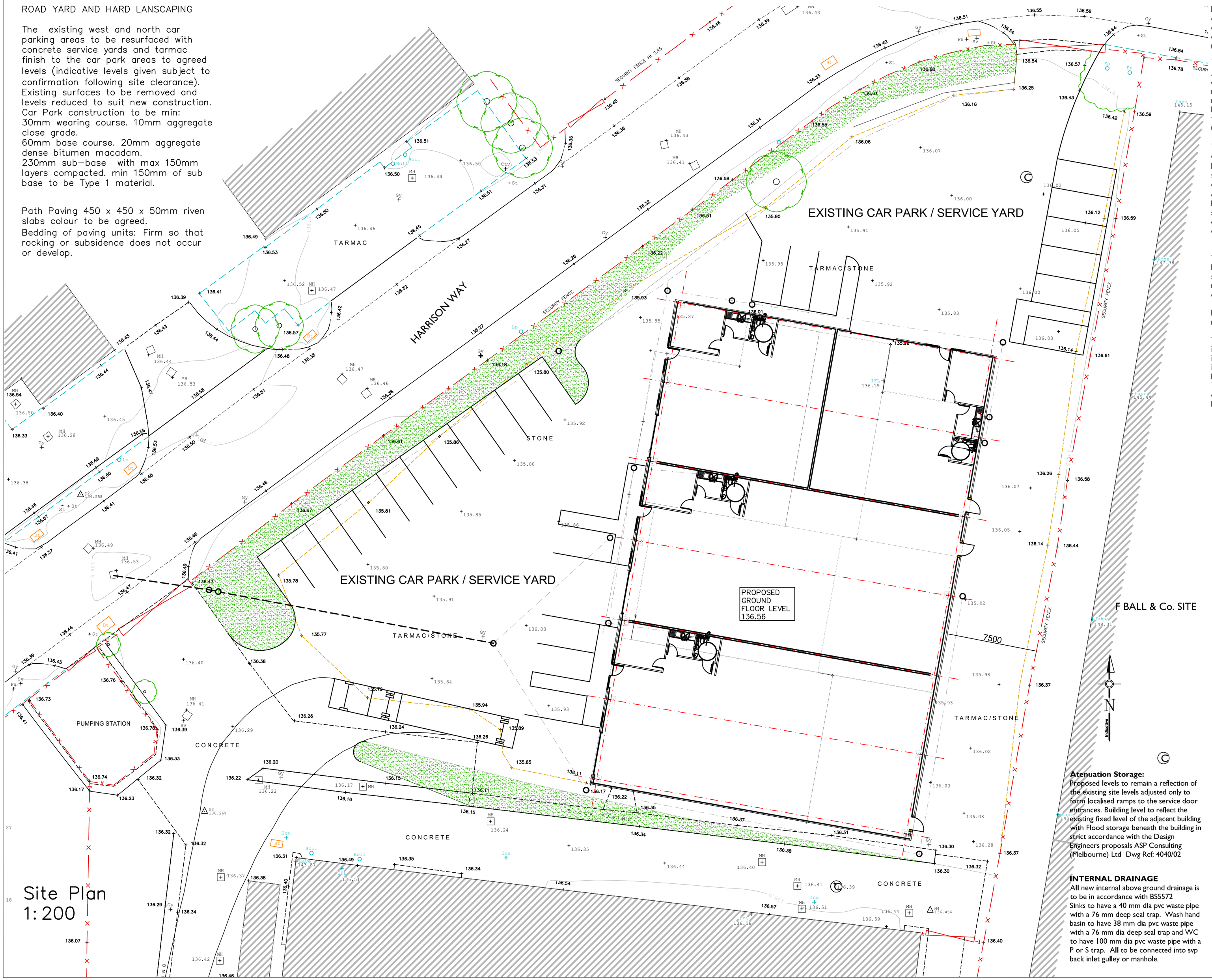
ROAD YARD AND HARD LANSCAPING

The existing west and north car parking areas to be resurfaced with concrete service yards and tarmac finish to the car park areas to agreed levels (indicative levels given subject to confirmation following site clearance). Existing surfaces to be removed and levels reduced to suit new construction. Car Park construction to be min:
30mm wearing course. 10mm aggregate close grade.
60mm base course. 20mm aggregate dense bitumen macadam.
230mm sub–base with max 150mm layers compacted. min 150mm of sub base to be Type 1 material.

Path Paving 450 x 450 x 50mm riven slabs colour to be agreed.
Bedding of paving units: Firm so that rocking or subsidence does not occur or develop.



Below ground drainage to be carried out in accordance with CP301 and BS8301. New drains to be sized as the drawing with extended pipe sections to match the extg. All new pipes are to be in plastic with flexible joints laid to a min fall 1:60 foul.

All drains beneath the building are to be encased in minimum 150mm concrete with movement joints as recommended by the manufacturer.
Drains within 1000mm of the foundations are to encased in concrete to a level equal to the underside of the foundation.

The new ground level WC's are to be discharged directly to a new 475mm dia Polypropolene Inspection Chamber (Note: the size of the manhole is subject to extg site drainage levels and these are to be checked and adapted to suit extg conditions). The new PPIC is to be located where possible in the soft dig areas where the foul drain is to be extended to connect into the extg foul drainage run at an agreed location.

The contractor is required to assess the location and runs of the existing drainage system to propose the preferred route for the new foul connections from the new unit to connect into the existing foul drainage system.

Provide warning marker tape above drainage runs and services.

The storm water drainage run is to discharge in strict accordance with the propsals set out in ASP Consultings design ref: 4290 to connect into the extg storm drainage system on Harrison Way.
The carpark drainage is to run to new yard gulleys in locations indicated through new below ground drains via a petrol interceptor

Attenuation Storage:
Proposed levels to remain a reflection of the existing site levels adjusted only to form localised ramps to the service door entrances. Building level to reflect the existing fixed level of the adjacent building with Flood storage beneath the building in strict accordance with the Design Engineers proposals ASP Consulting (Melbourne) Ltd Dwg Ref: 4040/02

INTERNAL DRAINAGE
All new internal above ground drainage is to be in accordance with BS5572
Sinks to have a 40 mm dia pvc waste pipe with a 76 mm deep seal trap. Wash hand basin to have 38 mm dia pvc waste pipe with a 76 mm dia deep seal trap and WC to have 100 mm dia pvc waste pipe with a P or S trap. All to be connected into svp back inlet gulley or manhole.

Rev	Date	Description
—	–	–

M J BARRETT DEVELOPMENTS

Brookside Business Park
Brookside Road
Uttoxeter Staffs.
ST14 8AT
tel 01889 564253 fax 01889 564210

Client
F W HARRISON COMMERCIALS LTD

Project
PROPOSED BUSINESS UNIT
CHURNETSIDE BUSINESS PARK
HARRISON WAY
CHEDDLETON

Title
SITE BLOCK PLAN
Drainage and Levels

Drawn	Date
HPC	JAN 2015
Checked	Scale
.	1:200

Status
PLANNING

Drg No.	Rev
A-135-108	-

A2 Drawing Sheet

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